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## **Educational Material**

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# **Educational Materials:** Ordering Educational Materials

A list of educational materials that may be ordered through the Section for Communicable Disease Prevention, Disease Investigation Unit follows. To place an order, call the Unit at (573) 751-6113.

For more information on how to order literature from the Department of Health and Senior Services warehouse, go to <a href="http://www.dhss.mo.gov">http://www.dhss.mo.gov</a>, click on Applications and Forms, and then click on Literature Order Form.

#### **CDC Educational Material and Internet Resources**

The CDC has prepared a useful list of education resources. You can access it at

http://www.cdcnpin.org/tb/pubs/TBGuide.htm

The table of contents will guide you to the kind of information you need.

| Catalog | Title   |  |  |  |  |  |  |
|---------|---|--|--|--|--|--|--|
| No.     |   |  |  |  |  |  |  |
| 9       | Stop TB! (Poster)   |  |  |  |  |  |  |
| 46      | Think TB! (Poster)  |  |  |  |  |  |  |
| 47      | Mantoux Tuberculin Skin Testing – 2004 (Poster)   |  |  |  |  |  |  |
| 58      | Treatment of Tuberculosis (MMWR)  |  |  |  |  |  |  |
| 62      | About Tuberculosis (Spanish)  |  |  |  |  |  |  |
| 86      | Screening for Tuberculosis in Long-Term Care Facilities: Guidelines for Long-Term Care Facilities |  |  |  |  |  |  |
| 119     | Treatment Record – Beat TB!   |  |  |  |  |  |  |
| 121     | TB Facts – TB and HIV   |  |  |  |  |  |  |
| 134     | TB Facts – The TB Skin Test   |  |  |  |  |  |  |
| 135     | Guidelines for Tuberculosis Control Among School Employees  |  |  |  |  |  |  |
| 142     | ,   |  |  |  |  |  |  |
| 177     | What Every Nursing Home Should Know About TB and Immunization                                     |  |  |  |  |  |  |
| 184     | Understanding Tuberculosis  |  |  |  |  |  |  |
| 185     | Tuberculosis – What You Should Know (Spanish)   |  |  |  |  |  |  |
| 189     | Stopping TB (Spanish)   |  |  |  |  |  |  |
| 199     | Core Curriculum on Tuberculosis (Book)  |  |  |  |  |  |  |
| 342     | Tuberculosis/HIV: Double Trouble (Poster)   |  |  |  |  |  |  |
| 365     | TB Facts – You Can Prevent TB   |  |  |  |  |  |  |
| 443     | Stop TB!  |  |  |  |  |  |  |
| 444     | Tuberculosis – Get the Facts!   |  |  |  |  |  |  |
| 541     | School Nurse Handbook   |  |  |  |  |  |  |
| 550     | TB – What You Should Know   |  |  |  |  |  |  |
| 553     | TB Facts – Exposure to TB   |  |  |  |  |  |  |
| 554     | TB Facts – TB Can Be Cured  |  |  |  |  |  |  |
| 11038   | About Tuberculosis (TB)   |  |  |  |  |  |  |



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| None | Diagnostic Standards and Classification of Tuberculosis in Adults and Children (American Thoracic Society) |
|------|--|
| None | Facts About The TB Skin Test   |
| None | Facts About The TB Skin Test (Spanish)   |
| None | MACET Statement on Preventive TB Therapy in the Foreign Born   |
| None | This Is Mr. TB Germ  |
| None | Tuberculosis – Get the Facts (Spanish)   |
| None | Understanding Your Tuberculosis (TB) Treatment   |



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## **Educational Material: Medication Fact Sheet - Isoniazid (INH)**

It is important to take this medication for the full time of treatment. It is important that you do not miss any doses. If you do miss a dose, take it as soon as possible. However, if it is almost time for your next dose, skip the missed dose and go back to your regular schedule. DO NOT double dose.

### To store medication:

- Keep out of the reach of children
- Store away from heat and direct light.
- Do not store in the bathroom, near the kitchen sink, or in damp places. Heat or moisture may cause the medicine to break down.

## How to take this medication:

- Take on an empty stomach with a glass of water.
- The tablet may be crushed in applesauce.
- Do not drink alcohol of any type, including wine or beer.
- Do not take antacids one hour before or after taking INH.

Name: \_\_\_\_\_ Date: \_\_\_\_ Witness:\_

Tell your doctor, nurse or pharmacist if you take ANY other medication; especially medication for seizures.

## Possible drug effects:

| rossible drug effects.  |   |
|-------------------------|---|
| Tiredness               | Change in color of urine or stool   |
| Weakness                | Sore muscles  |
| Fever                   | Tingling or numbness of fingers or toes                                   |
| Loss of appetite        | Vision changes  |
| Nausea                  | Rash  |
| Vomiting                | Weight loss   |
| Diarrhea                | Yellow skin or eyes   |
| The information on the  | e action and possible side effects of this medication prescribed by the   |
| doctor has been explain | ned to me and I understand. I will call the doctor or nurse if I have any |
| questions or symptoms   | 3.  |



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## **Educational Material: Medication Fact Sheet - Rifampin**

It is important to take this medication for the full time of treatment, even if you begin to feel better after a few weeks. It is important that you do not miss any doses. If you do miss a dose, take it as soon as possible. However, if it is almost time for your next dose, skip the missed dose and go back to your regular schedule. DO NOT double dose.

### To store medication:

- Keep out of the reach of children
- Store away from heat and direct light.
- Do not store in the bathroom, near the kitchen sink, or in damp places. Heat or moisture may cause the medicine to break down.

#### How to take this medication:

- Take on an empty stomach with a glass of water.
- If stomach irritation occurs, take with food.

This drug **will** turn your urine, stool, sputum, and tears **orange** and can stain contact lenses. Tell your doctor, nurse, or pharmacist if you are taking ANY medications, even drugs you can buy without a prescription. In particular tell them if you take birth control pills, Coumadin, warfarin, theophylline, methadone, Dilantin, digoxin, or medicine for HIV infection, seizures or heart problems.

| Possible drug effects: |   |
|------------------------|---|
| Tiredness              | Rash  |
| Itching                | Stomach pain  |
| Sore muscles           | Fever   |
| Vomiting               | Weight loss   |
| Diarrhea               | Yellow skin or eyes   |
| Chills                 | Bone or muscle pain   |
| Loss of appetite       | Nausea  |
|                        | n and possible side effects of this medication prescribed by the me and I understand. I will call the doctor or nurse if I have any |
| Name:                  | Date: Witness:  |
|                        |   |



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## **Educational Material: Medication Fact Sheet - Pyrazinamide (PZA)**

It is important to take this medication for the full time of treatment, even if you begin to feel better after a few weeks. It is important that you do not miss any doses. If you do miss a dose, take it as soon as possible. However, if it is almost time for your next dose, skip the missed dose and go back to your regular schedule. DO NOT double dose.

#### To store medication:

- Keep out of the reach of children
- Store away from heat and direct light.
- Do not store in the bathroom, near the kitchen sink, or in damp places. Heat or moisture may cause the medicine to break down.

#### How to take this medication:

• It is okay to take PZA with food.

Tell your doctor, nurse, or pharmacist if you are taking ANY medications, even drugs you can buy without a prescription. If you are diabetic, check with your doctor before changing your diet or dose of medication for diabetes. PZA may cause false positive results with urine ketone test.

#### Possible drug effects:

| Tiredness | Weakness    |
|-----------|-------------|
| Fever     | Nausea      |
| Vomiting  | Weight loss |

Yellow skin or eyes Change in color of urine or stool
Loss of appetite Joint pains, especially in the big toe

| Name: _ |   | <br> | <br> |
|---------|---|------|------|
| Date: _ |   | <br> | <br> |
| Witness | : |      |      |



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## **Educational Material: Medication Fact Sheet - Ethambutol (Myambutol)**

It is important to take this medication for the full time of treatment, even if you begin to feel better after a few weeks. It is important that you do not miss any doses. If you do miss a dose, take it as soon as possible. However, if it is almost time for your next dose, skip the missed dose and go back to your regular schedule. DO NOT double dose.

### To store medication:

- Keep out of the reach of children
- Store away from heat and direct light.
- Do not store in the bathroom, near the kitchen sink, or in damp places. Heat or moisture may cause the medicine to break down.

## How to take this medication:

• It is okay to take ethambutol with food.

Tell your doctor, nurse or pharmacist if you take ANY other medication; especially medication for seizures.

## Possible drug effects:

| Vision changes | Nausea                            |
|----------------|-----------------------------------|
| Eye pain       | Vomiting                          |
| Nervousness    | Yellow skin or eyes               |
| Dizziness      | Change in color of urine or stool |
|                |                                   |

Stomach pain

Headache Light headedness

Loss of appetite Joint pains

Weight loss

Weakness

| Name:    | Date: |  |
|----------|-------|--|
| Witness: |       |  |



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# **Educational Material: Medication Fact Sheet - Levofloxacin**

It is important to take this medication for the full time of treatment. It is important that you do not miss any doses. If you do miss a dose, take it as soon as possible. However, if it is almost time for your next dose, skip the missed dose and go back to your regular schedule. **DO NOT** double dose.

#### To store medication:

- Keep out of the reach of children
- Store at room temperature
- Do not store in the bathroom, near the kitchen sink or in damp places.

## How to take this medication:

- Do not take within two hours of indgestion of milk-based products, antacids, or taking iron, magnesium, calcium, zinc, vitamins, didanosine, sucralfate.
- Avoid caffeinated foods and beverages.
- May take with food.
- Drink plenty of beverages.
- May cause sun sensitivity; use sun screen

Tell your doctor if you have any renal disease.

#### Possible drug effects:

- Pain, swelling, or tearing of the tendon (such as the back of your ankle, elbow), or muscle or joint pain
- Rashes or hives
- Bruising or blistering
- Trouble breathing or tightness in your chest
- Diarrhea
- Yellow skin or eyes
- Anxiety, confusion, or dizziness

| Name:    | <br>Date: |  |
|----------|-----------|--|
|          |           |  |
| Witness: |           |  |



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# **Educational Material: Medication Fact Sheet - Streptomycin**

It is important to take this medication for the full time of treatment. If is important that you do not miss any doses. If you do miss a dose, take it as soon as possible. However, if it is almost time for your next dose, skin the missed dose and go back to your regular schedule. DO NOT double dose.

## To store medication:

□ Store in refrigerator

Injection sites should be rotated for maximum absorption

## Possible drug effects

- □ Problems with hearing, dizziness, or balance
- □ Rash or swelling of your face
- □ Trouble breathing
- Decreased urination
- □ Watery or bloody diarrhea
- □ Increased swelling, pain, or redness at injection site
- □ Muscle twitching or weakness

| Name:    |      | <br> |
|----------|------|------|
| Date:    | <br> |      |
| Witness: |      |      |



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## TUBERCULOSIS CONTROL PROGRAM "FACT SHEET"

## Reporting

Active tuberculosis disease or disease suspect – Report within 24 hours to your local public health agency or to the Missouri Department of Health and Senior Services at (573) 751-6122 or (800) 392-0272. Tuberculosis infection/Other mycobacterial diseases – Report within three days to your local public health agency or the Missouri Department of Health and Senior Services at (573) 751-6122 or (800) 392-0272.

## <u>Services</u>

PROMPT REPORTING TRIGGERS THE FOLLOWING SERVICES AS NEEDED AT NO COST TO THE PATIENT:

## Medications

Routine anti-tuberculosis antibiotics including Isoniazid, Rifampin, Pyrazinamide, Ethambutol, Streptomycin and Vitamin B6 are provided through the local public health agency via contract with Preferred Pharmacy Services. Other second-line drugs may also be available.

### Lab Services

The state tuberculosis laboratory is in Mount Vernon, Missouri and is one of the best TB labs in the country. Diagnostic and routine laboratory services are available through the patient's local public health agency, (e.g. liver enzymes, PPDs).

## Contact Investigations and Case Management

Local public health agencies have community health nurses trained to conduct contact investigations of communicable disease, including tuberculosis. A report of a suspect TB case will trigger a contact investigation and 3-month follow-up.

Tuberculosis disease and infection cases may be managed through local public health agency. Management includes monthly physical assessment, liver enzyme monitoring, sputum sampling, directly observed therapy (the standard of care for all TB cases), and patient education.

## Consultation



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The Tuberculosis Control Program employs several registered nurses that oversee case management of all active disease cases and suspects in Missouri. They are current on tuberculosis prevention, treatment and control and are available for consultation as needed. Medical consultation by Dr. Dennis Pyszczynski is also available on an as needed basis. Contact the Program at (573) 751-6122 to access consultation services.

### Other Services

**Diagnostic Services Program** pays for office visits and chest x-rays for those TB infection and disease patients with no health insurance.

**Incentive Program** helps ensure compliance with low-income patients. Incentives include expenses such as cab fare or bus tokens. Incentive funds are available through your local public health agency.

**Missouri Rehabilitation Center** – MRC maintains a wing for state-of-the-art care and isolation of tuberculosis patients. MRC is located in Mount Vernon, Missouri and is affiliated with the University of Missouri Hospital System. MRC typically receives those TB patients that are most difficult to treat or non-compliant with their treatment.

**Resources** – The Tuberculosis Control Program houses a library with the latest treatment information for tuberculosis and other mycobacterial diseases. CDC, ALA, American Thoracic Society and other publications, videotapes and guidelines regarding the treatment of TB disease and infection are available upon request.

We view TB control as a team approach. One person cannot do it alone, but one person can make a difference. We need your help if we are to reach our goal of eliminating TB in Missouri by the year 2010.

## TUBERCULOSIS CONTROL PROGRAM

PHONE: (573) 751-6122 (800) 392-0272

FAX: (573) 526-0235